## **Sinoal Product Data**



## High Purity Alumina For Ceramic Substrates

## **Product Overview**

We adopt a new green production process developed independently to produce high-purity alumina powder products for ceramic substrates with purity of 4N-5N and original crystals of 300-500nm and 500-800nm. We can provide customized products with different original crystal sizes, morphologies, specific surface areas, particle sizes, and crystal forms according to customer requirements. The products have the characteristics of regular morphology, controllable particle size and distribution, and high sintering activity. They can significantly reduce the sintering temperature of ceramic substrates and produce high-end substrates without polishing.

## **Product Characteristic Index**

Product Model	α content (%)	Specific surface area (m2/g)	Particle size (D50) (µm)	Si (PPM)	Fe (PPM)	Na (PPM)	Ca (PPM)	Mg (PPM)	Ni (PPM)	Cu (PPM)
A-P-03-B	> 96%	5-7	0.3-0.5	≤30	≤20	≤40	≤50	≤3	≤3	≤3
A-P-05-B		4-6	0.5-0.7							